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OM protein - protein search, using sw model

Run on: March 24, 2003, 16:03:35 ; Search time 3.98788 Seconds  
(without alignments)  
750.746 Million cell updates/sec

Title: US-09-988-971-2\_COPY\_35\_90  
Perfect score: 288  
Sequence: 1 ATAAVAGSFPAAGPAAELSLR.....VLSEVSGREYNIPSHVAKV 56

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 221153 seqs, 53462247 residues

Total number of hits satisfying chosen parameters: 221153

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*  
1: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB pep:\*  
2: /cgn2\_6/ptodata/1/pubpaa/PCPT\_NEW\_PUB pep:\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB pep:\*  
4: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB pep:\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB pep:\*  
6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB pep:\*  
7: /cgn2\_6/ptodata/1/pubpaa/PCPTUS\_PUBCOMB pep:\*  
8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB pep:\*  
9: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB pep:\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB pep:\*  
11: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB pep:\*  
12: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB pep:\*  
13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB pep:\*  
14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	288	100.0	159	10	US-09-867-550-954
2	145	50.3	96	10	US-09-867-550-952
3	100	34.7	454	10	US-09-771-161A-95
4	100	34.7	505	10	US-09-771-161A-186
5	99	34.4	276	9	US-09-870-759-64
6	97	33.7	499	9	US-09-977-269-19
7	97	33.7	58	10	US-09-879-957-131
8	95	33.0	512	10	US-09-977-260-16
9	95	33.0	512	10	US-09-977-260-16
10	90	31.2	505	9	US-09-977-260-17
11	90	31.2	505	10	US-09-977-260-17
12	88	30.6	346	10	US-09-870-262-3
13	88	30.6	509	9	US-09-977-260-18
14	88	30.6	509	10	US-09-977-260-18
15	87.5	30.4	59	10	US-09-879-957-140
16	85.5	29.7	536	9	US-09-977-260-13
17	85.5	29.7	536	9	US-09-929-260-10
18	85.5	29.7	536	9	US-09-929-260-10
19	85.5	29.7	536	10	US-09-977-260-13

20	84.5	29.3	543	9	US-09-977-260-14	Sequence 14, Appl
21	84.5	29.3	543	10	US-09-977-260-14	Sequence 14, Appl
22	83.5	29.0	59	10	US-09-879-957-132	Sequence 132, App
23	83.5	29.0	311	10	US-09-771-161A-121	Sequence 121, App
24	83.5	29.0	387	10	US-09-771-161A-122	Sequence 122, App
25	83.5	29.0	537	9	US-09-977-260-11	Sequence 11, Appl
26	83.5	29.0	537	10	US-09-977-260-11	Sequence 11, Appl
27	83.5	29.0	537	10	US-09-771-161A-212	Sequence 212, App
28	83.5	29.0	537	10	US-09-771-161A-213	Sequence 213, App
29	81.5	28.3	536	9	US-09-977-260-12	Sequence 12, Appl
30	81.5	28.3	536	10	US-09-977-260-12	Sequence 12, Appl
31	79.5	27.6	57	10	US-09-994-288-10	Sequence 10, Appl
32	76.5	26.6	192	9	US-09-764-868-709	Sequence 709, App
33	76.5	26.6	529	9	US-09-977-260-15	Sequence 15, Appl
34	76.5	26.6	529	10	US-09-977-260-15	Sequence 15, Appl
35	75	26.0	56	10	US-09-879-957-137	Sequence 137, App
36	75	26.0	56	10	US-09-879-957-217	Sequence 217, App
37	75	26.0	248	10	US-09-879-957-40	Sequence 40, Appl
38	75	26.0	509	10	US-09-879-957-194	Sequence 194, App
39	75	26.0	530	9	US-09-764-868-738	Sequence 738, App
40	73.5	25.5	134	9	US-09-764-868-1135	Sequence 1135, App
41	73.5	25.5	179	9	US-09-764-868-757	Sequence 757, App
42	73.5	25.5	563	10	US-09-998-598-2591	Sequence 2591, App
43	73	25.3	58	10	US-09-879-957-205	Sequence 205, App
44	70.5	24.5	58	10	US-09-767-215-8	Sequence 8, Appl
45	70	24.3	824	9	US-10-171-384-1	Sequence 1, Appl

#### ALIGNMENTS

```

RESULT 1
US-09-867-550-954
; Sequence 954, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehrtan, Fuad.
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USCN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 954
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-867-550-954

Query Match      100.0%; Score 288, DB 10; Length 159;
Best Local Similarity 100.0%; Pred. No. 7.1e-28;
Matches 56; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATAAVAGSFPAAGPAAELSLRGEPLTIVSDGDMWTVLSEVSGREYNIPSHVAKV 56
DB      35 ATAAVAGSFPAAGPAAELSLRGEPLTIVSDGDMWTVLSEVSGREYNIPSHVAKV 90

RESULT 2
US-09-867-550-952
; Sequence 952, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehrtan, Fuad.
; APPLICANT: Conley, Pamela

```

APPLICANT: Law, Debbie  
APPLICANT: Topper, James  
TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and  
TITLE OF INVENTION: Thereby  
FILE REFERENCE: 21402-013 (Cura-313)  
CURRENT APPLICATION NUMBER: US/09/867,550  
CURRENT FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: USSN 60/208,427  
PRIOR FILING DATE: 2000-05-30  
NUMBER OF SEQ ID NOS: 2125  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 952  
LENGTH: 96  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-867-550-952

Query Match 50.3%; Score 145; DB 10; Length 96;  
Best Local Similarity 100.0%; Pred. No. 1e-10;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATAVAGSPAGPAELSLRGEPLTVSE 30  
Db 35 ATAVAGSPAGPAELSLRGEPLTVSE 64

RESULT 3  
US-09-771-161A-95  
Sequence 95, Application US/09771161A  
Patent No. US20020110811A1  
GENERAL INFORMATION:  
APPLICANT: LEVINE, et al.  
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES  
FILE REFERENCE: 802620-2005.1  
CURRENT APPLICATION NUMBER: US/09/771,161A  
CURRENT FILING DATE: 2001-01-26  
PRIOR APPLICATION NUMBER: 09/724,676  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 136776  
PRIOR FILING DATE: 2000-06-15  
PRIOR APPLICATION NUMBER: 136619  
PRIOR FILING DATE: 2000-04-12  
NUMBER OF SEQ ID NOS: 273  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 95  
LENGTH: 454  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-771-161A-95

Query Match 34.7%; Score 100; DB 10; Length 454;  
Best Local Similarity 41.5%; Pred. No. 0.00019;  
Matches 22; Conservative 8; Mismatches 23; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRGEPLTVSESGREYNIPIVHAKV 56  
Db 64 VALDYTNMNDRLQMLKSEKLVKTGTGMWLAASLYTGREGYVPSNFVAKV 116

RESULT 4  
US-09-771-161A-186  
Sequence 186, Application US/09771161A  
Patent No. US20020110811A1  
GENERAL INFORMATION:  
APPLICANT: LEVINE, et al.  
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES  
FILE REFERENCE: 802620-2005.1  
CURRENT APPLICATION NUMBER: US/09/771,161A  
CURRENT FILING DATE: 2001-01-26  
PRIOR APPLICATION NUMBER: 09/724,676  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 136776  
PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 135619  
PRIOR FILING DATE: 2000-04-12  
NUMBER OF SEQ ID NOS: 273  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 186  
LENGTH: 505  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-771-161A-186

Query Match 34.7%; Score 100; DB 10; Length 505;  
Best Local Similarity 41.5%; Pred. No. 0.00022;  
Matches 22; Conservative 8; Mismatches 23; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRGEPLTVSESGREYNIPIVHAKV 56  
Db 64 VALDYTNMNDRLQMLKSEKLVKTGTGMWLAASLYTGREGYVPSNFVAKV 116

RESULT 5  
US-09-870-759-64  
Sequence 64, Application US/09870759  
Patent No. US2002017551A1  
GENERAL INFORMATION:  
APPLICANT: TERMAN, David S  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE  
FILE REFERENCE: 870759  
CURRENT APPLICATION NUMBER: US/09/870,759  
CURRENT FILING DATE: 2002-01-14  
PRIOR APPLICATION NUMBER: US 60/208,128  
PRIOR FILING DATE: 2000-05-30  
NUMBER OF SEQ ID NOS: 166  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 64  
LENGTH: 276  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-870-759-64

Query Match 34.4%; Score 99; DB 9; Length 276;  
Best Local Similarity 37.3%; Pred. No. 0.00014;  
Matches 19; Conservative 11; Mismatches 21; Indels 0; Gaps 0;

Qy 6 LGSPAGPAELSLRGEPLTVSESGREYNIPIVHAKV 56  
Db 30 LSDYSPDISPIFRGKELRVISDEGWMKALISLTSRESYIPGICVAKV 80

RESULT 6  
US-09-977-260-19  
Sequence 19, Application US/09977260  
Publication No. US2002019790A1  
GENERAL INFORMATION:  
APPLICANT: ULRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAEL  
APPLICANT: SURES, IRMINGARD  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT APPLICATION NUMBER: US/09/977,260  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 08/232,545  
PRIOR FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 19  
LENGTH: 499  
TYPE: PRT  
ORGANISM: Mus sp.  
US-09-977-260-19

Query Match 33.7%; Score 97; DB 9; Length 499;  
Best Local Similarity 41.5%; Pred. No. 0.00049;  
Matches 22; Conservative 7; Mismatches 24; Indels 0; Gaps 0;

QY 4 VALGSPAGGPAELSLRLGEPLTIVSESDGMWTVLSEVSGREYNIPSVHAKV 56  
 DB 58 VALFYDAVNDRLQVLKGEKQLQVLRSTGDMWLARSLVTRGEGYPSNFVAPV 110

RESULT 7  
 US-09-977-269-19  
 ; Sequence 19, Application US/09977269  
 ; Patent No. US20020082037A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ULRICH, AXEL  
 ; APPLICANT: GISHIZKY, MIKHAEL  
 ; APPLICANT: SURES, IRMINGARD  
 ; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
 ; FILE REFERENCE: 038602/1260  
 ; CURRENT APPLICATION NUMBER: US/09/977,269  
 ; PRIOR FILING DATE: 2001-10-16  
 ; PRIOR APPLICATION NUMBER: 08/232,545  
 ; PRIOR FILING DATE: 1994-04-22  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 19  
 ; LENGTH: 499  
 ; TYPE: PRT  
 ; ORGANISM: Mus sp.  
 US-09-977-269-19

Query Match 33.7%; Score 97; DB 10; Length 499;  
 Best Local Similarity 41.5%; Pred. No. 0.00049;  
 Matches 22; Conservative 7; Mismatches 24; Indels 0; Gaps 0;  
 QY 4 VALGSPAGGPAELSLRLGEPLTIVSESDGMWTVLSEVSGREYNIPSVHAKV 56  
 DB 58 VALFYDAVNDRLQVLKGEKQLQVLRSTGDMWLARSLVTRGEGYPSNFVAPV 110

RESULT 8  
 US-09-879-957-131  
 ; Sequence 131, Application US/09879957  
 ; Patent No. US20020034755A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SPARKS, Andrew B.  
 ; APPLICANT: HOFFMAN, No. US20020034755A1h  
 ; APPLICANT: KAY, Brian K.  
 ; APPLICANT: FOWLER, Dana M.  
 ; APPLICANT: MCCONNELL, Stephen J.  
 ; TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL  
 ; DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND  
 ; USING SAME  
 ; NUMBER OF SEQUENCES: 227  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Pennie & Edmonds LLP  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: USA  
 ; ZIP: 10036-2711  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/879,957  
 ; FILING DATE: 13-Jun-2001  
 ; CLASSIFICATION: <Unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/630,915  
 ; FILING DATE: 03-APR-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Mastro, S. Leslie  
 ; REGISTRATION NUMBER: 18,872

REFERENCE/DOCKET NUMBER: 1101-174  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-8864/9741  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 131:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 58 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: <Unknown>  
 TOPOLOGY: unknown  
 MOLECULE TYPE: peptide  
 SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
 US-09-879-957-131

Query Match 33.0%; Score 95; DB 10; Length 58;  
 Best Local Similarity 37.7%; Pred. No. 7.2e-05;  
 Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;  
 QY 4 VALGSPAGGPAELSLRLGEPLTIVSESDGMWTVLSEVSGREYNIPSVHAKV 56  
 DB 6 VALFYDGIHPDLSFKKGEKKVLEHGGEMWAKSLTKKEGFIPIENVAKL 58

RESULT 9  
 US-09-977-260-16  
 ; Sequence 16, Application US/09977260  
 ; Publication No. US20020192790A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ULRICH, AXEL  
 ; APPLICANT: GISHIZKY, MIKHAEL  
 ; APPLICANT: SURES, IRMINGARD  
 ; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
 ; FILE REFERENCE: 038602/1260  
 ; CURRENT APPLICATION NUMBER: US/09/977,260  
 ; PRIOR FILING DATE: 2001-10-16  
 ; PRIOR APPLICATION NUMBER: 08/232,545  
 ; PRIOR FILING DATE: 1994-04-22  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 16  
 ; LENGTH: 512  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-977-260-16

Query Match 33.0%; Score 95; DB 9; Length 512;  
 Best Local Similarity 37.7%; Pred. No. 0.00089;  
 Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

QY 4 VALGSPAGGPAELSLRLGEPLTIVSESDGMWTVLSEVSGREYNIPSVHAKV 56  
 DB 69 VALFYDGIHPDLSFKKGEKKVLEHGGEMWAKSLTKKEGFIPIENVAKL 121

RESULT 10  
 US-09-977-269-16  
 ; Sequence 16, Application US/09977269  
 ; Patent No. US20020082037A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ULRICH, AXEL  
 ; APPLICANT: GISHIZKY, MIKHAEL  
 ; APPLICANT: SURES, IRMINGARD  
 ; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
 ; FILE REFERENCE: 038602/1260  
 ; CURRENT APPLICATION NUMBER: US/09/977,269  
 ; PRIOR FILING DATE: 2001-10-16  
 ; PRIOR APPLICATION NUMBER: 08/232,545  
 ; PRIOR FILING DATE: 1994-04-22  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 16  
 ; LENGTH: 512

TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-269-16

Query Match 33.0%; Score 95; DB 10; Length 512;  
Best Local Similarity 37.7%; Pred. No. 0.00089;  
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

QY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGDMWTVLSEVSGREYNIPSVHAKV 56  
DB 69 VALPYDGHIPDDLSFKKGEMKAVLREHEMKAKSLTTKEGFIPSNVAKL 121

RESULT 11  
US-09-977-260-17  
Sequence 17, Application US/09977260  
Publication No. US20020192790A1  
GENERAL INFORMATION:

APPLICANT: ULLRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAIL  
APPLICANT: SURES, IRMINGARD  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT APPLICATION NUMBER: US/09/977,260  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 08/232,545  
PRIOR FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 17  
LENGTH: 505  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-260-17

Query Match 31.2%; Score 90; DB 9; Length 505;  
Best Local Similarity 35.8%; Pred. No. 0.0036;  
Matches 19; Conservative 12; Mismatches 22; Indels 0; Gaps 0;

QY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGDMWTVLSEVSGREYNIPSVHAKV 56  
DB 63 VALDYEAHHEHDLSEFGKQDMVVLSESGEMWKARSLATRKEGYIPSNVAV 115

RESULT 12  
US-09-977-269-17  
Sequence 17, Application US/09977269  
Patent No. US20020082037A1  
GENERAL INFORMATION:

APPLICANT: ULLRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAIL  
APPLICANT: SURES, IRMINGARD  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT APPLICATION NUMBER: US/09/977,269  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 08/232,545  
PRIOR FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 17  
LENGTH: 505  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-269-17

Query Match 31.2%; Score 90; DB 10; Length 505;  
Best Local Similarity 35.8%; Pred. No. 0.0036;  
Matches 19; Conservative 12; Mismatches 22; Indels 0; Gaps 0;

QY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGDMWTVLSEVSGREYNIPSVHAKV 56  
DB 63 VALDYEAHHEHDLSEFGKQDMVVLSESGEMWKARSLATRKEGYIPSNVAV 115

RESULT 13  
US-09-870-962-3  
Sequence 3, Application US/09870962  
Patent No. US20020081290A1  
GENERAL INFORMATION:

APPLICANT: Bandman, Olga  
APPLICANT: Tang, Y. Tom  
APPLICANT: Hillman, Jennifer L.  
APPLICANT: Yue, Henry  
APPLICANT: Guegler, Karl J.  
APPLICANT: Corley, Neil C.  
APPLICANT: Gorgone, Gina  
APPLICANT: Azimzai, Yalda  
APPLICANT: Lu, Aina  
TITLE OF INVENTION: Protein Kinase Homologs  
FILE REFERENCE: PE-0614 US  
CURRENT APPLICATION NUMBER: US/09/870,962  
CURRENT FILING DATE: 2001-05-30  
PRIOR APPLICATION NUMBER: 09/420,915  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: US 09/173,581  
PRIOR FILING DATE: 1998-10-15  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PERL Program  
SEQ ID NO 3  
LENGTH: 346  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE: -  
OTHER INFORMATION: 507669  
US-09-870-962-3

Query Match 30.6%; Score 88; DB 10; Length 346;  
Best Local Similarity 36.5%; Pred. No. 0.004;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

QY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGDMWTVLSEVSGREYNIPSVHAKV 55  
DB 67 IALHSYPSHDDDLGFEKGEQRLRLSESGEMWKAKSLTTGQSGFIPFNVAK 118

RESULT 14  
US-09-977-260-18  
Sequence 18, Application US/09977260  
Publication No. US20020192790A1  
GENERAL INFORMATION:

APPLICANT: ULLRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAIL  
APPLICANT: SURES, IRMINGARD  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT APPLICATION NUMBER: US/09/977,260  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 08/232,545  
PRIOR FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 18  
LENGTH: 509  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-260-18

Query Match 30.6%; Score 88; DB 9; Length 509;  
Best Local Similarity 36.5%; Pred. No. 0.0063;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

QY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGDMWTVLSEVSGREYNIPSVHAKV 55  
DB 67 IALHSYPSHDDDLGFEKGEQRLRLSESGEMWKAKSLTTGQSGFIPFNVAK 118

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; Sequence 18, Application US/09977269  
; Patent No. US20020082037A1  
; GORDON, TUDOR

; GENERAL INFORMATION:

AFTER

APPLICANT: ULLRICH, AXEL

APPLICANT: GISHIZKY, MIKHAIL  
APPLICANT: SUBS. TBMINGARD

APPLICANT: SUKES, KRISTIN GARD  
TITLE OF INVENTION: NOVEL, ME

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CURRENT FILING DATE: 2001-10-16

PRIOR APPLICATION NUMBER: 08/232

PRIOR FILING DATE: 1994-04-22

; NUMBER OF SEQ ID NOS: 24

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; SOFTWARE: PatentIn Ver. 2.1

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; SEQ ID NO 18  
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ORGANISM: H

! ORGANISM: H  
US-09-977-269-1

9T-697-116-60-80

Query Match

Best Local

Matches 19; Conservative 8; Mismatches 25; Indels

[illegible]

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**Db**    67 IALHSYEP SHDGDIGFEKEGQLRIIEQSGEWMKASLTITGGEGCFIPFNFAK 118

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Search completed: March 24, 2003, 16:06:10  
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